

## BIODEGRADABLE RESIN COMPOSITION

**Patent number:** JP6299077  
**Publication date:** 1994-10-25  
**Inventor:** TAKAGI SHUJI; others: 01  
**Applicant:** SUMITOMO SEIKA CHEM CO LTD  
**Classification:**  
- **International:** C08L101/00  
- **European:**  
**Application number:** JP19930113683 19930415  
**Priority number(s):**

### Abstract of JP6299077

**PURPOSE:** To obtain a resin composition excellent in the rate of degradation in the natural environment, e.g. in water or soil and useful for obtaining a molding such as a container for baits by mixing a biodegradable plastic with a water-soluble thermoplastic resin in a specified ratio.

**CONSTITUTION:** The composition is prepared by mixing 20-80wt.% biodegradable plastic, desirably polyhydroxybutyrate/polyhydroxyvalerate copolymer or polycaprolactone with 20-80 pts.wt. water-soluble thermoplastic resin, desirably polyethylene oxide of a weight-average molecular weight of 50000-10000000.

---

Data supplied from the **esp@cenet** database - Worldwide